AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (Currently Amended) A magnetic card reader for making a magnetic card and at least one magnetic head to relatively move with respect to each other and for demodulating data, which is recorded on said magnetic card and obtained by said magnetic head, said magnetic card reader comprising:

two magnetic heads arranged in a direction, in which each of said magnetic heads relatively moves with respect to said magnetic card, and taking the same data from said magnetic card and obtaining two demodulated data with a single movement of the magnetic card relative to the magnetic heads;

demodulating circuits for independently demodulating digital signals obtained from the same data;

memory for storing the two demodulated data separately;

an error detecting portion for detecting an error in at least one of the two demodulated data; and

an error correcting portion for correcting the error, which is detected by said error detecting portion, by using the other demodulated data.

2. (Previously Amended) The magnetic card reader according to claim 1, wherein said error correcting portion corrects errors, which occur in the demodulated data, character by character.

3. (Previously Amended) The magnetic card reader according to claim 2, wherein said error detecting portion detects whether or not a parity of the modulated data corresponding to each character is correct.

4. (Original) A magnetic data demodulating method of making a magnetic card and at least one magnetic head to relatively move with respect to each other and demodulating data, which is recorded on said magnetic card and obtained by said magnetic head, said method comprising the steps of:

providing two magnetic heads in such a manner as to be arranged in a direction, in which each of said magnetic heads relatively moves with respect to said magnetic card, and taking same data from said magnetic card to thereby generate two demodulated data;

detecting an error in at least one of said two demodulated data; and

correcting the detected error by using the other demodulated data.

5. (Original) The magnetic data demodulating method according to claim 4, wherein after the two modulated data are stored in a memory as binary data represented by bits each having a binary value of "1" or "0", the modulated data, which is an aggregate of the binary data, is corrected character by character.